

FIG. 2

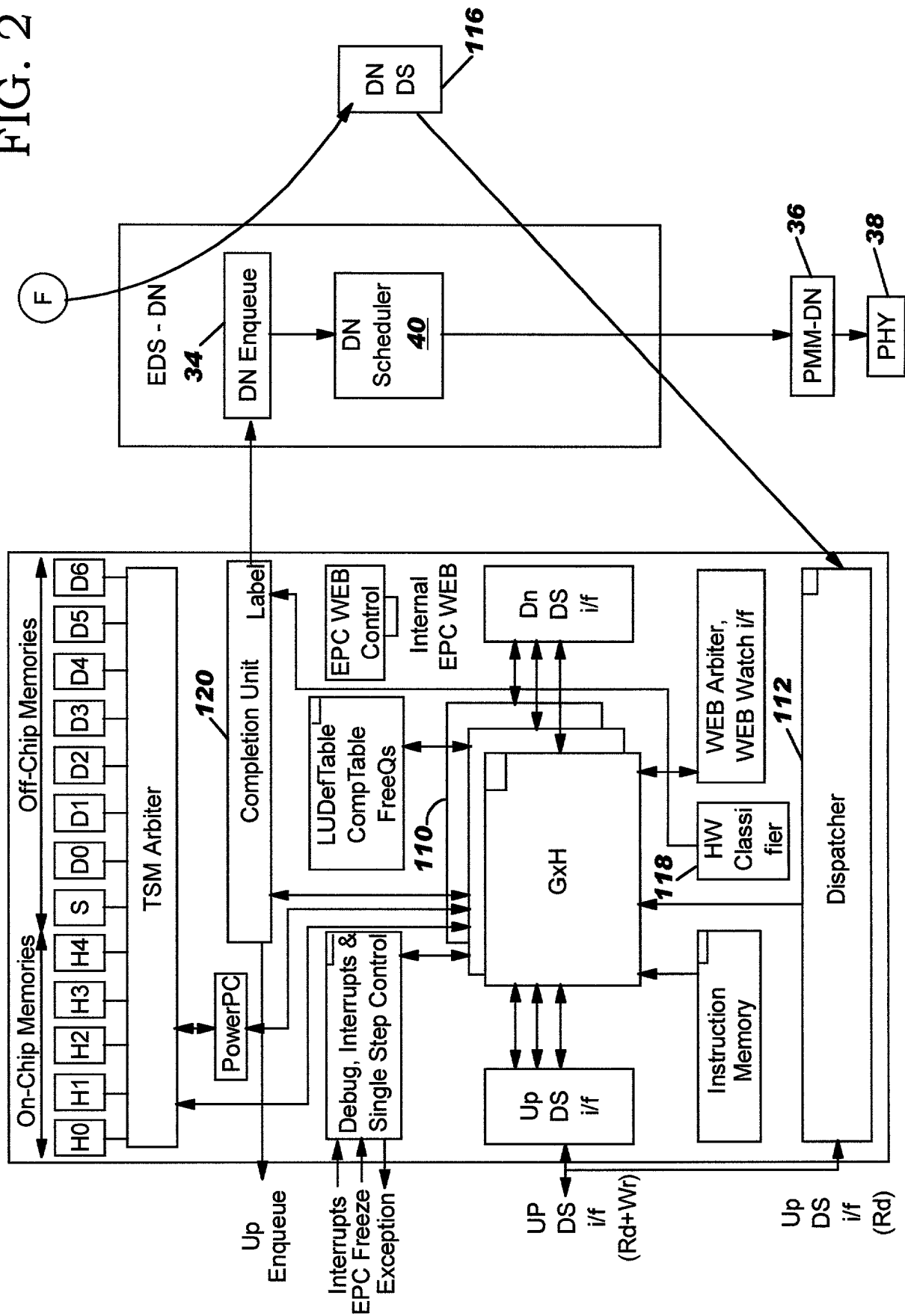


FIG. 3

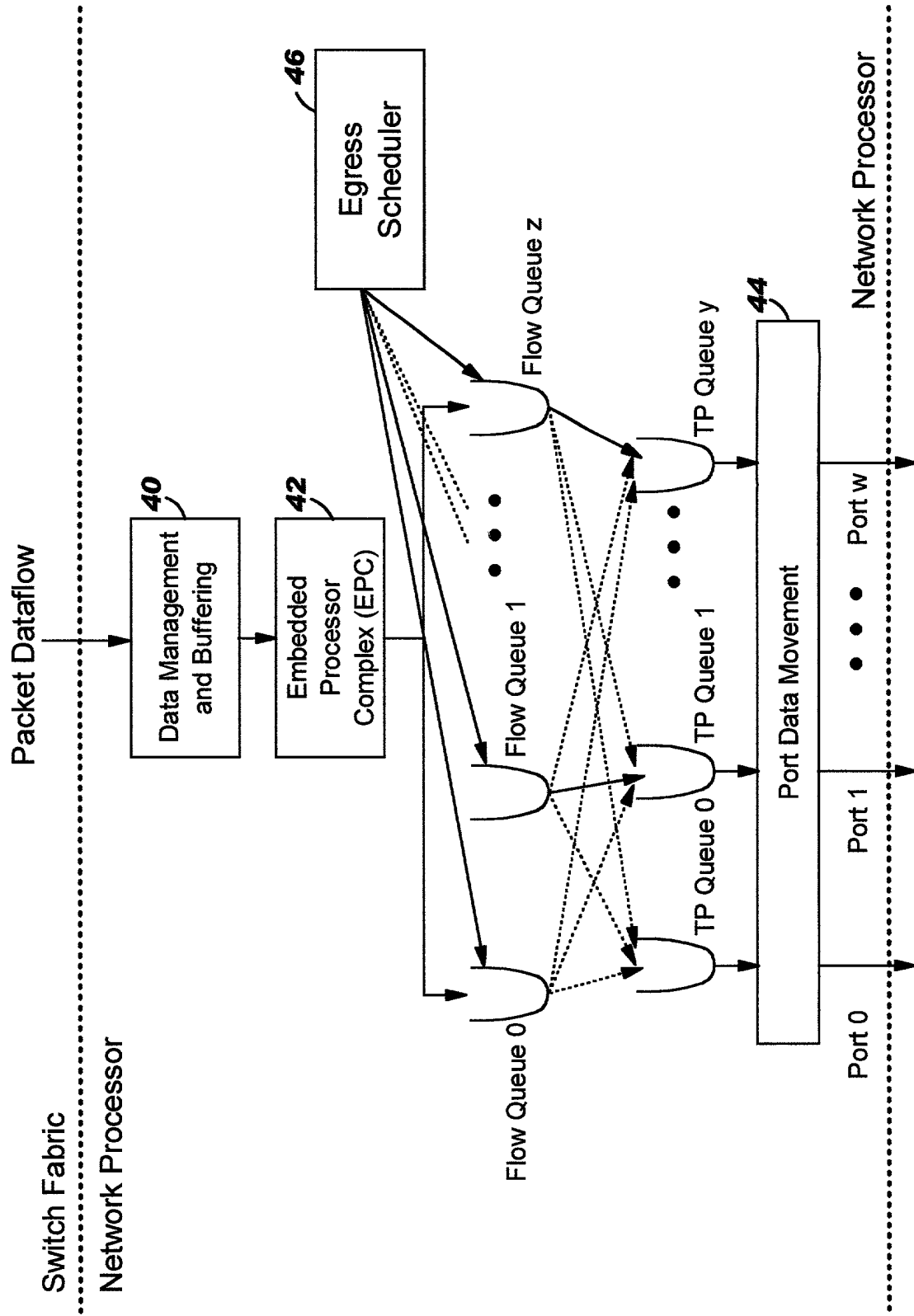


FIG. 4

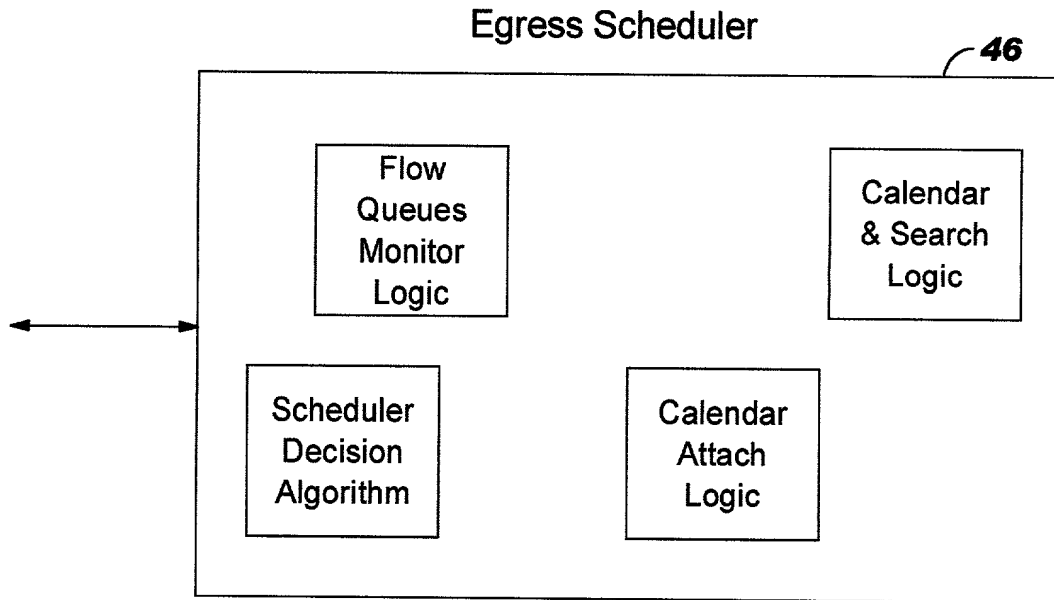


FIG. 5

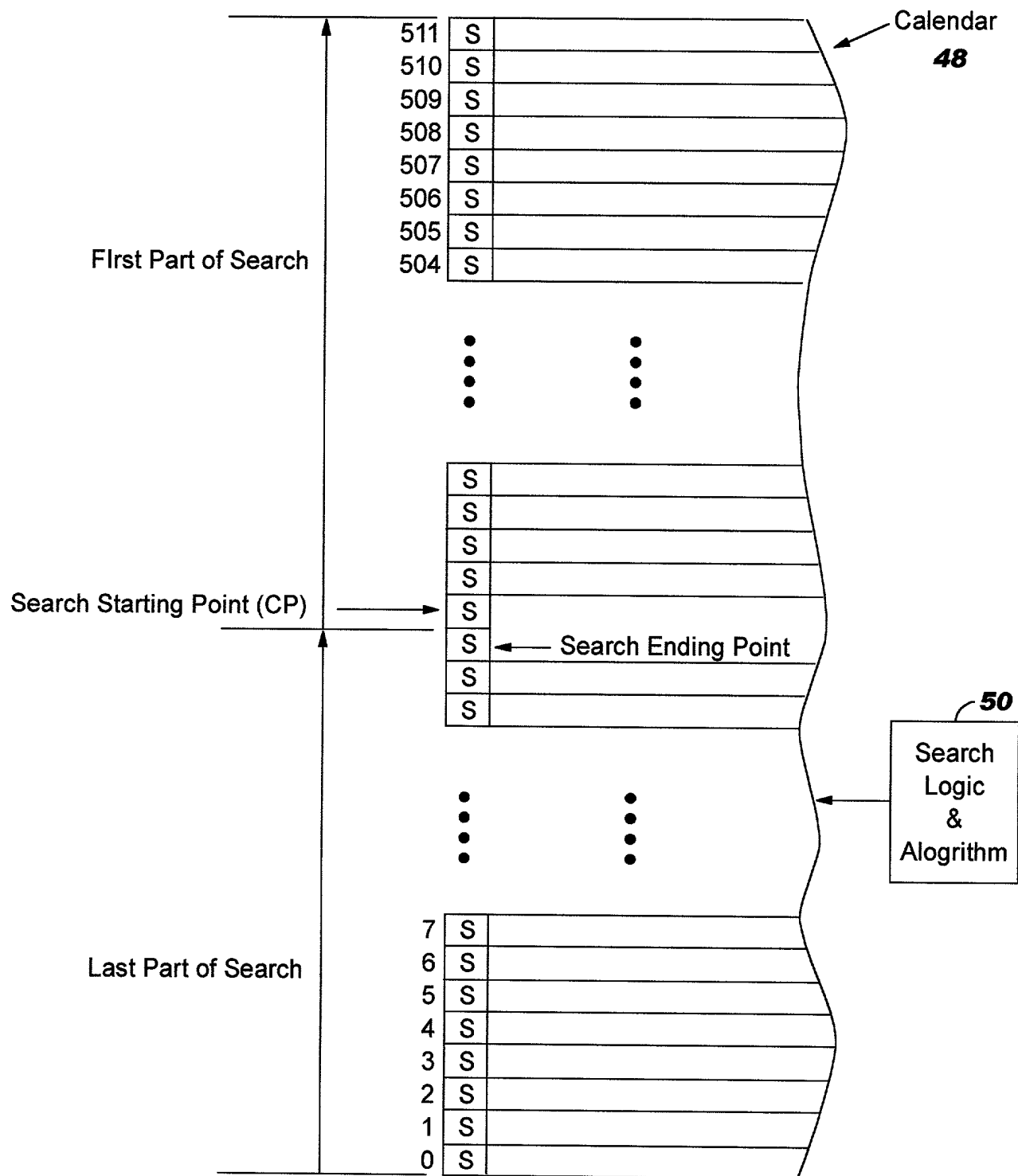
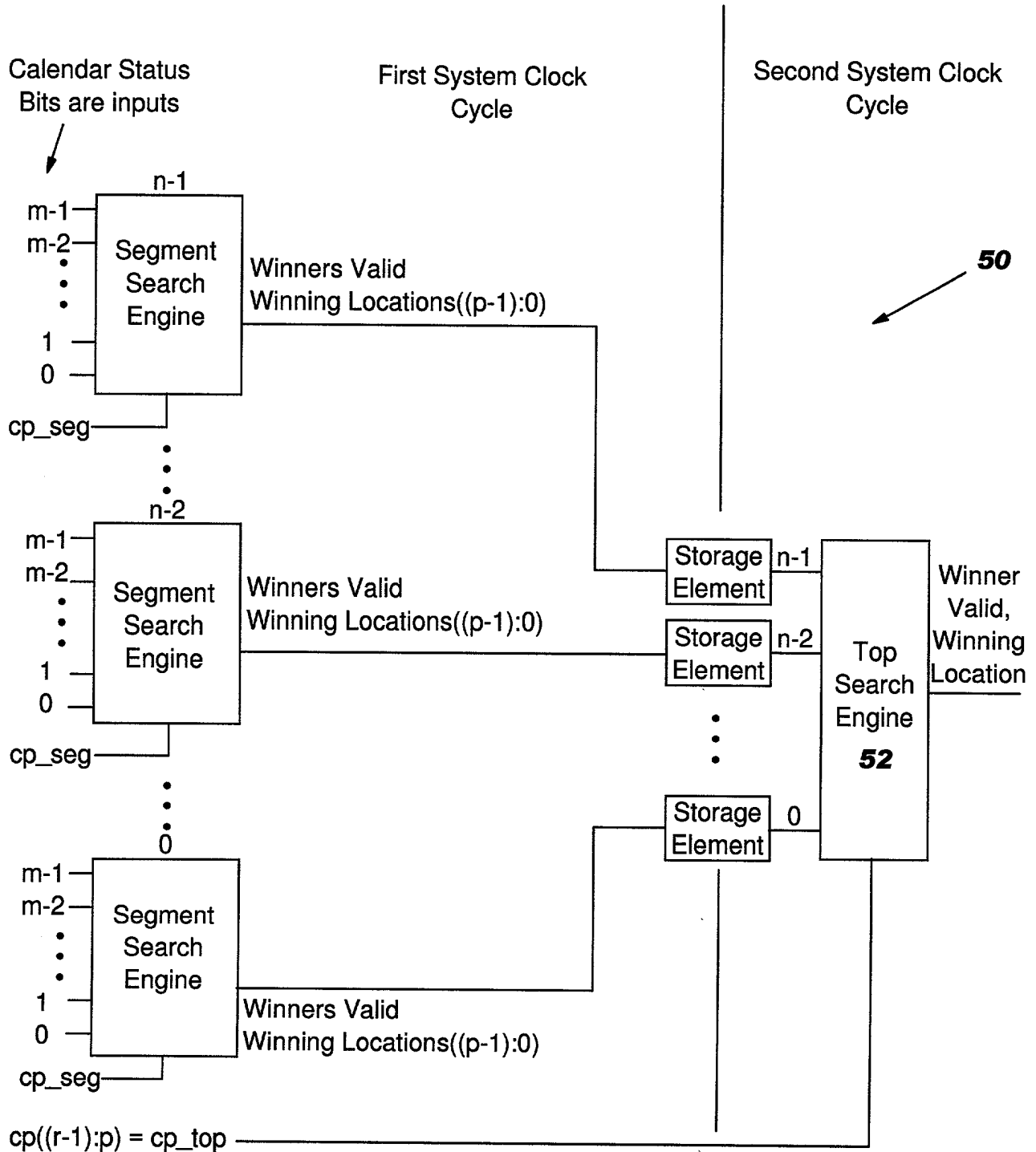


FIG. 6



cp = search starting point

n = number of equal segments

$r = \log_2(\text{num\_entries})$

m = total number of entries/number of equal segments

$p = \log_2(\text{total number of entries}/n)$

FIG. 7

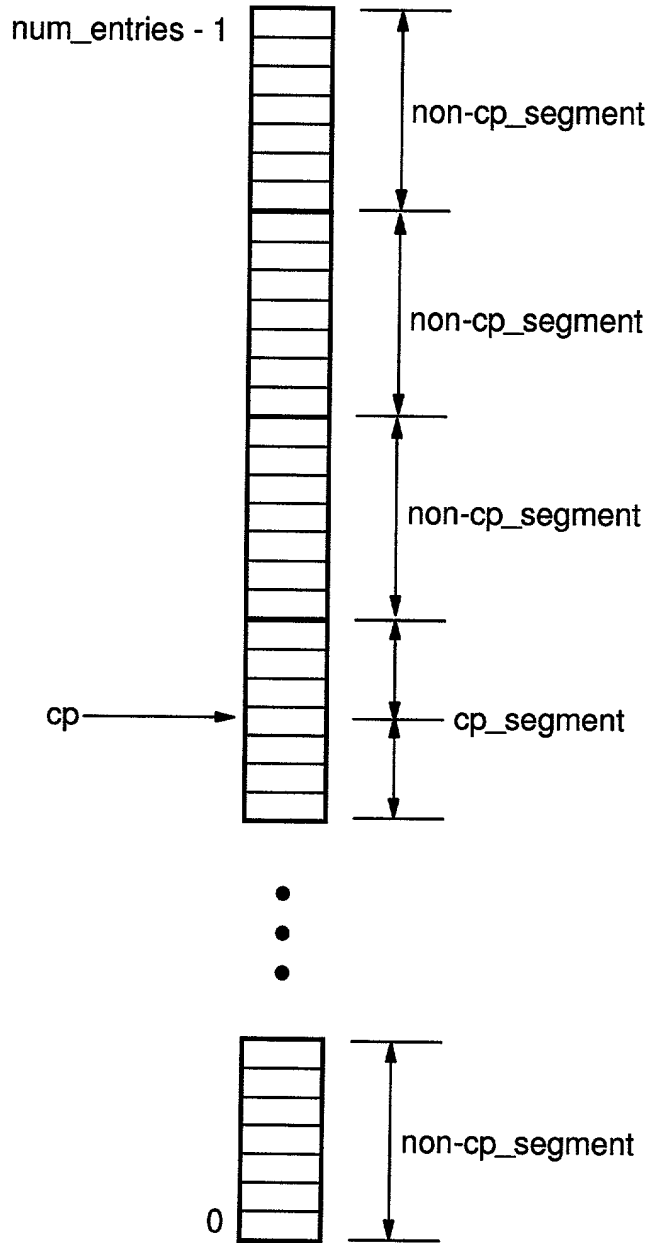


FIG. 8A

Diagram for Segment Search  
Assuming That  $cp$  is In This Segment

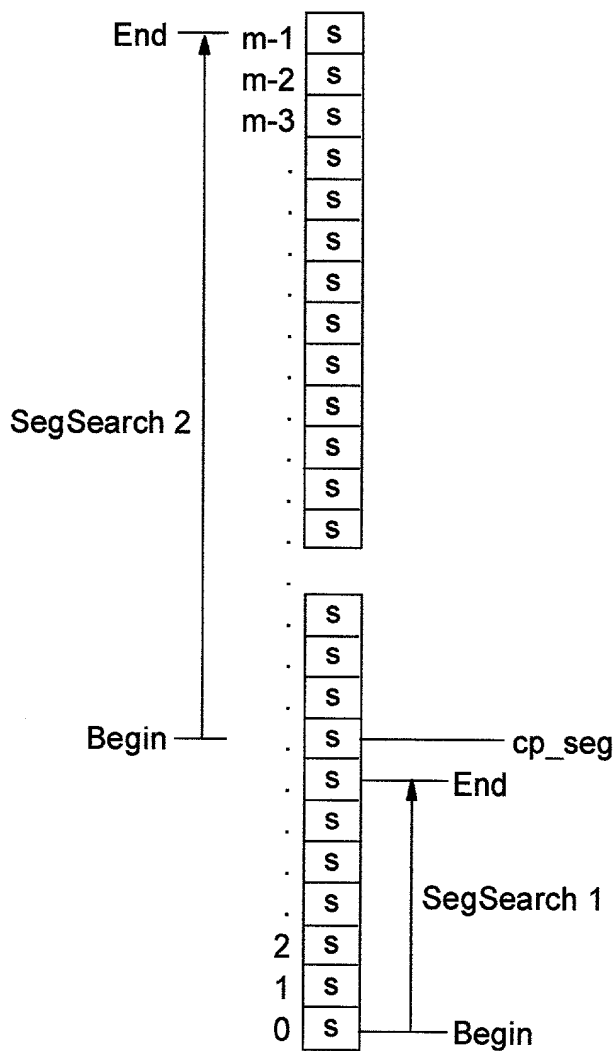
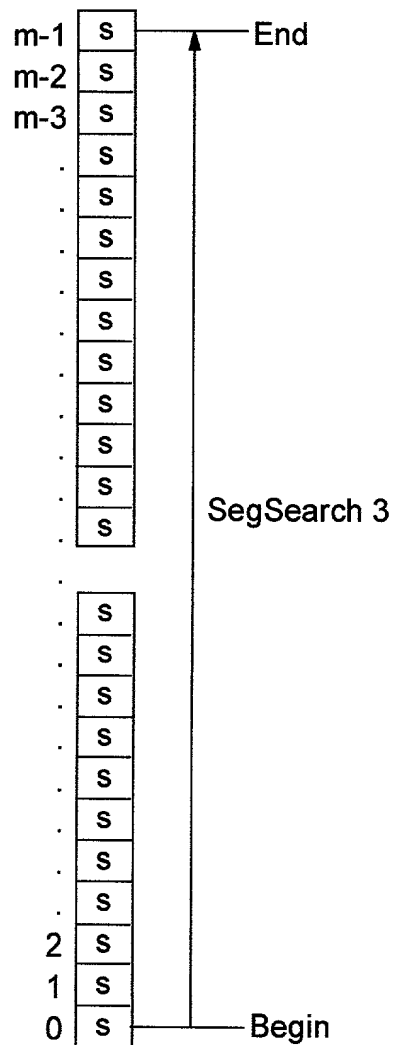


FIG. 8B

Diagram for Segment Search Assuming  
That  $cp$  is Not In This Segment



# FIG. 9

Segment Search Diagram Assuming  
cp is In This Segment

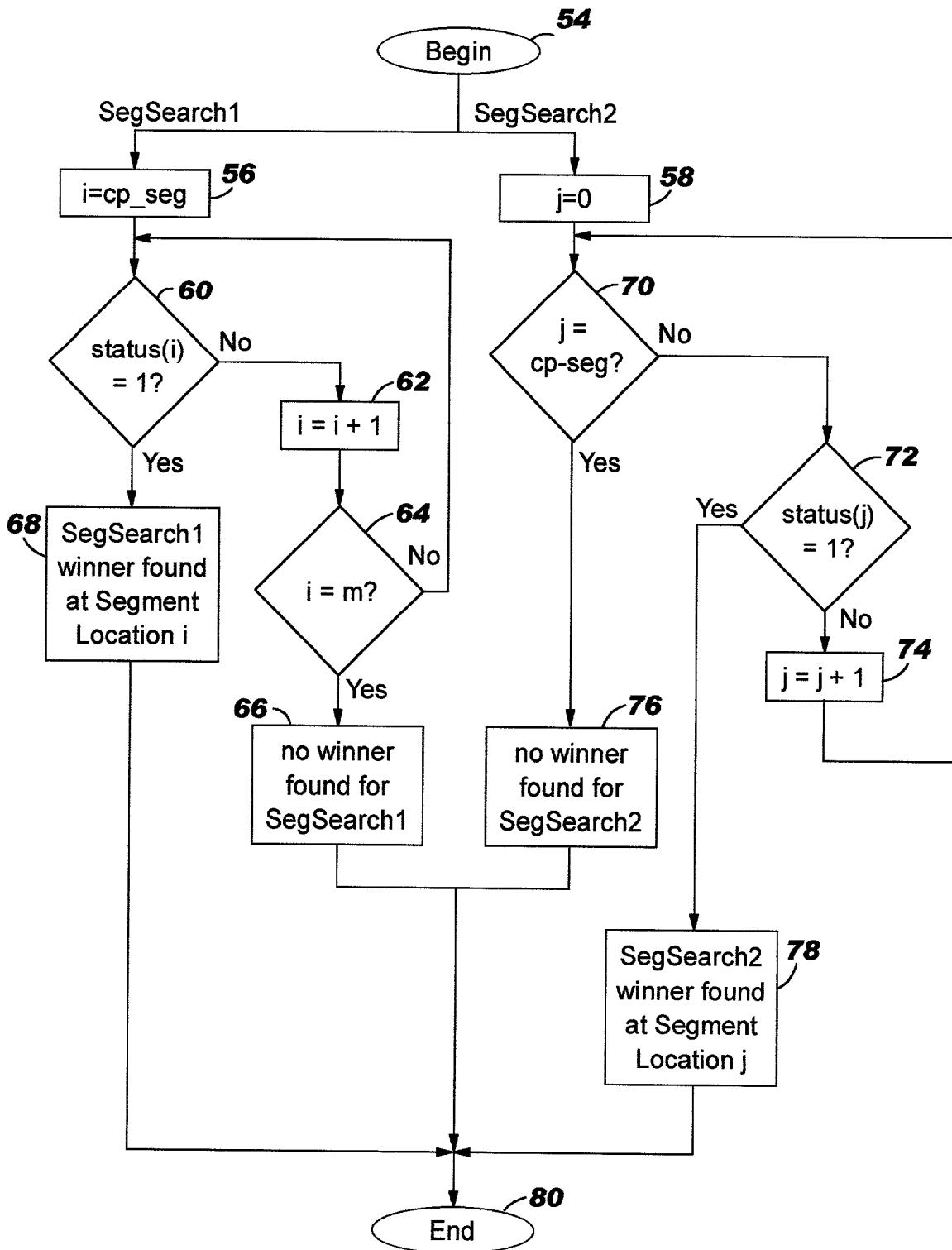


FIG. 9

FIG. 10

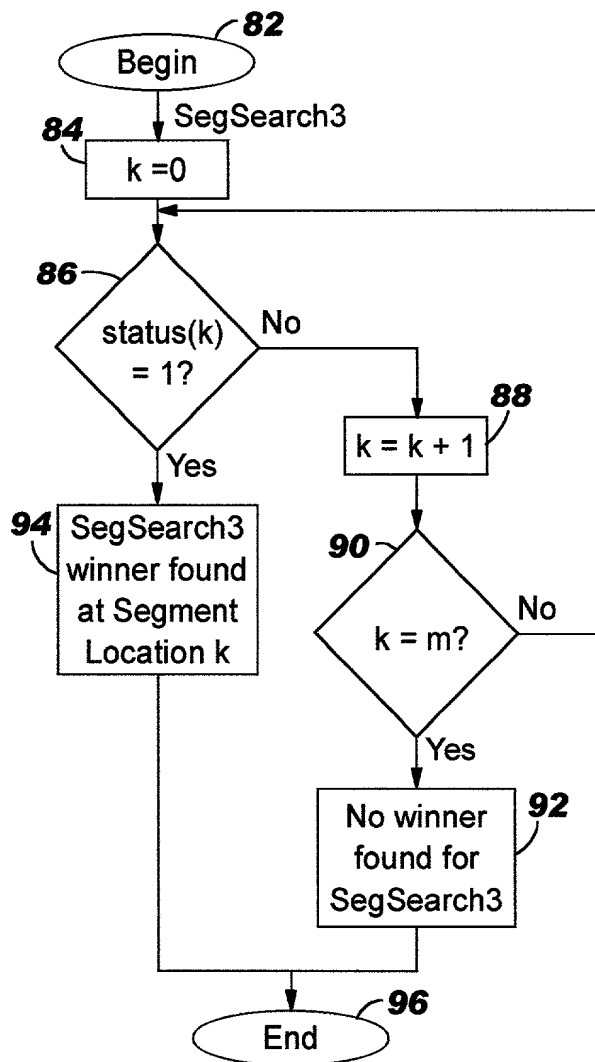


FIG. 11

Segment Search Outputs

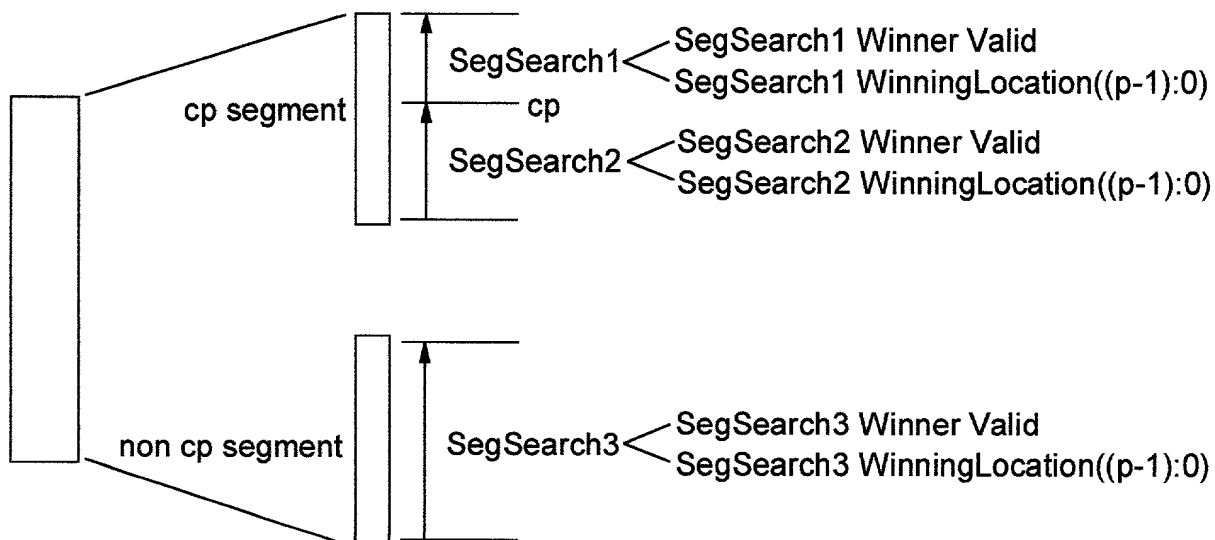
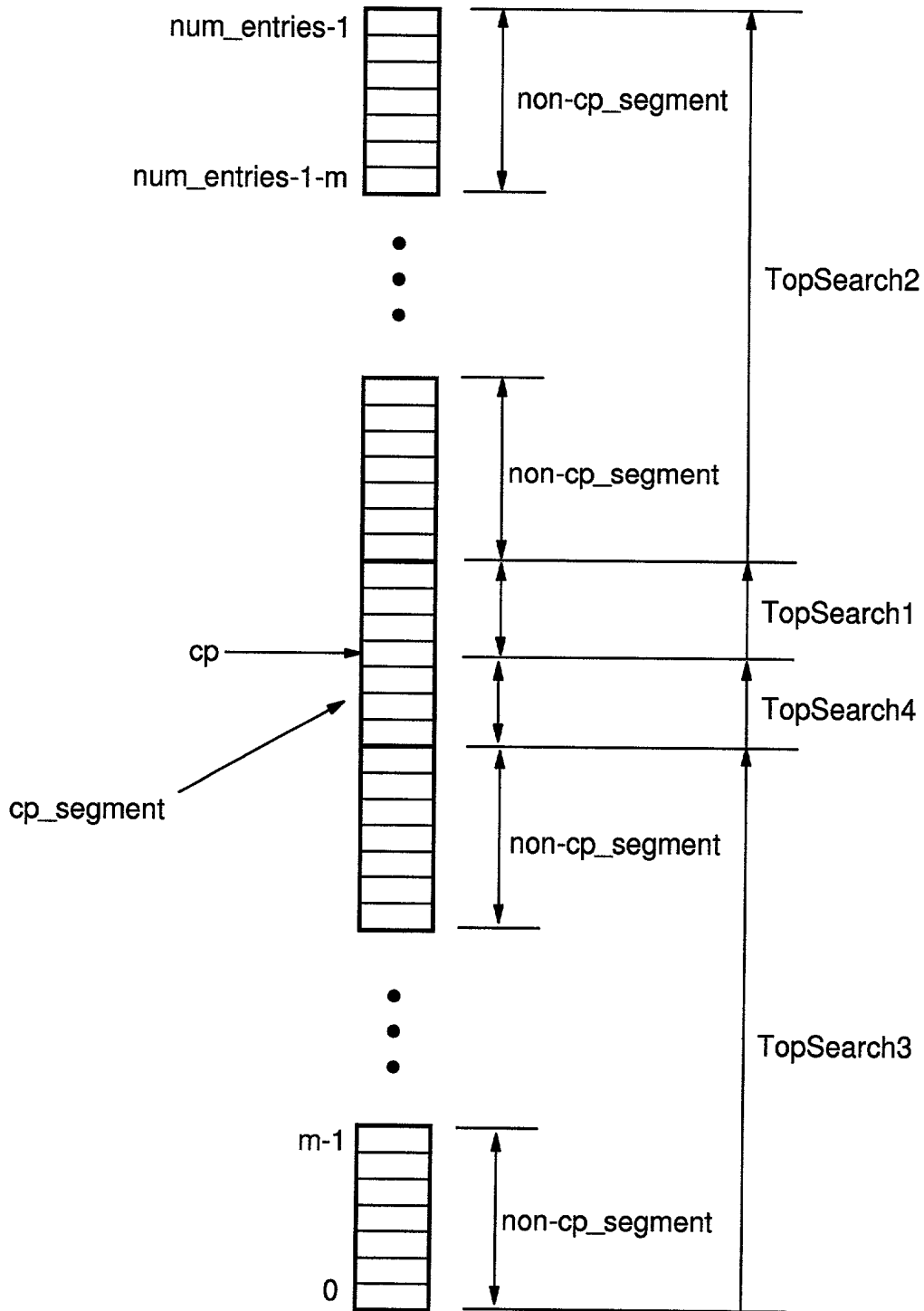


FIG. 12



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